ABSTRACT OF THE DISCLOSURE

Provided is a magnetic encoder device capable of detecting a rotating angle of an actuator having a cavity structure.

The magnetic encoder device includes a ring-shaped rotating body 11, a ring-shaped permanent magnet 12 which is inscribed in and fixed to an inner circumferential side of the ring-shaped rotating body 11 and magnetized in a direction perpendicular to a center axis of the rotating body 11, and a fixed body 13 which is disposed on an inner circumferential side of the permanent magnet 12 through an air gap and has a circular circumference and a cavity, and a magnetic field detecting element 14 disposed on an outer circumferential side of the fixed body 13 through the permanent magnet 12 and the air gap.